

FIG.1

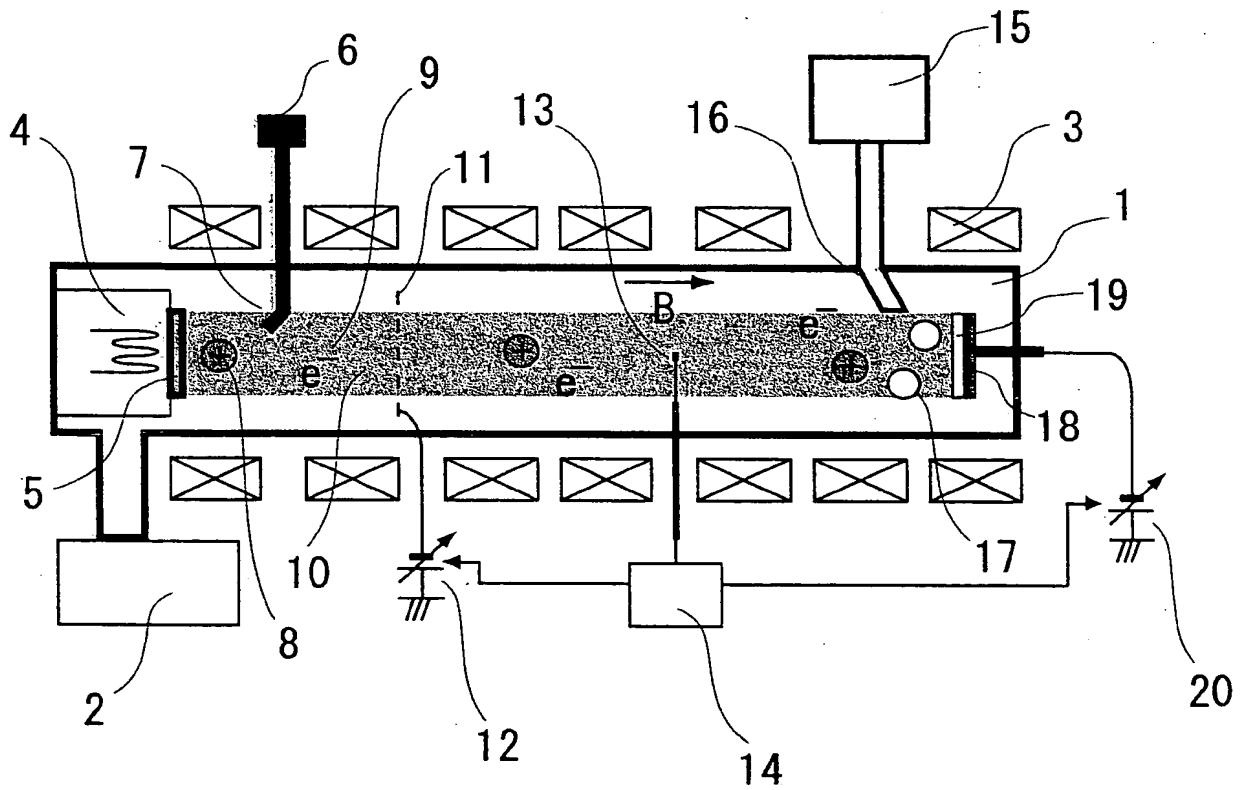


FIG.2

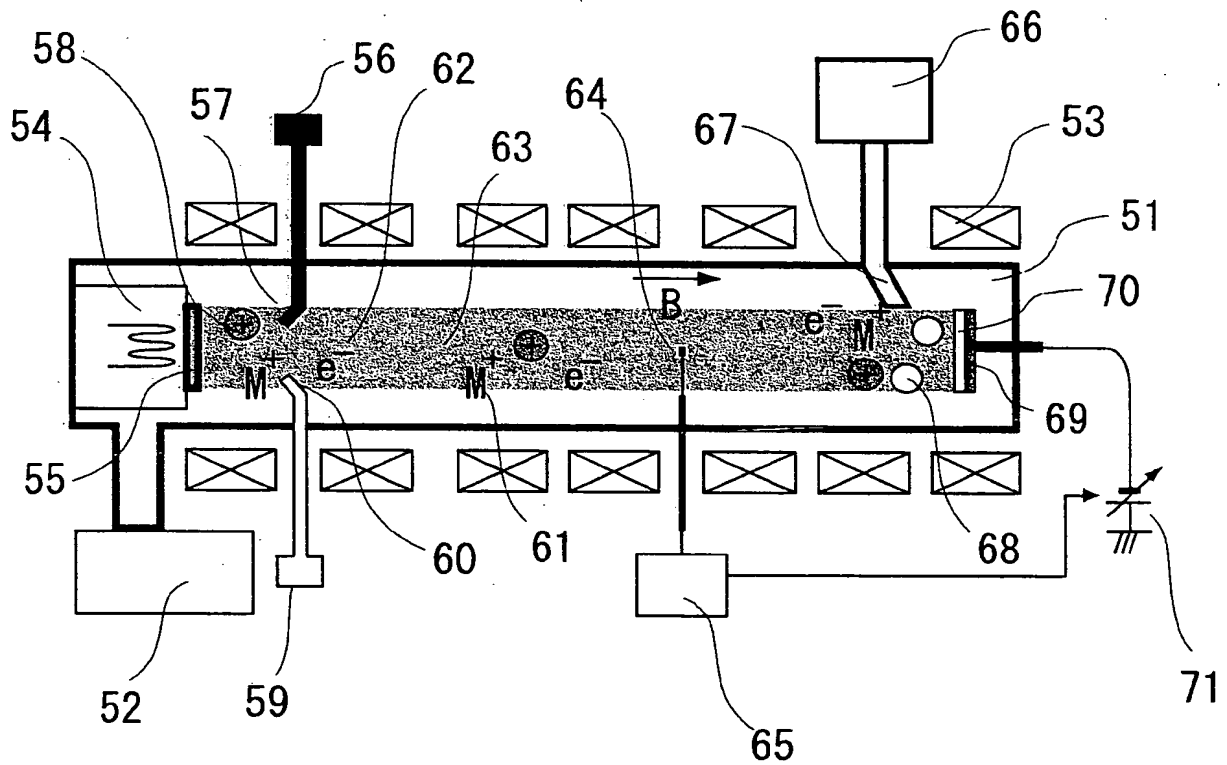


FIG.3

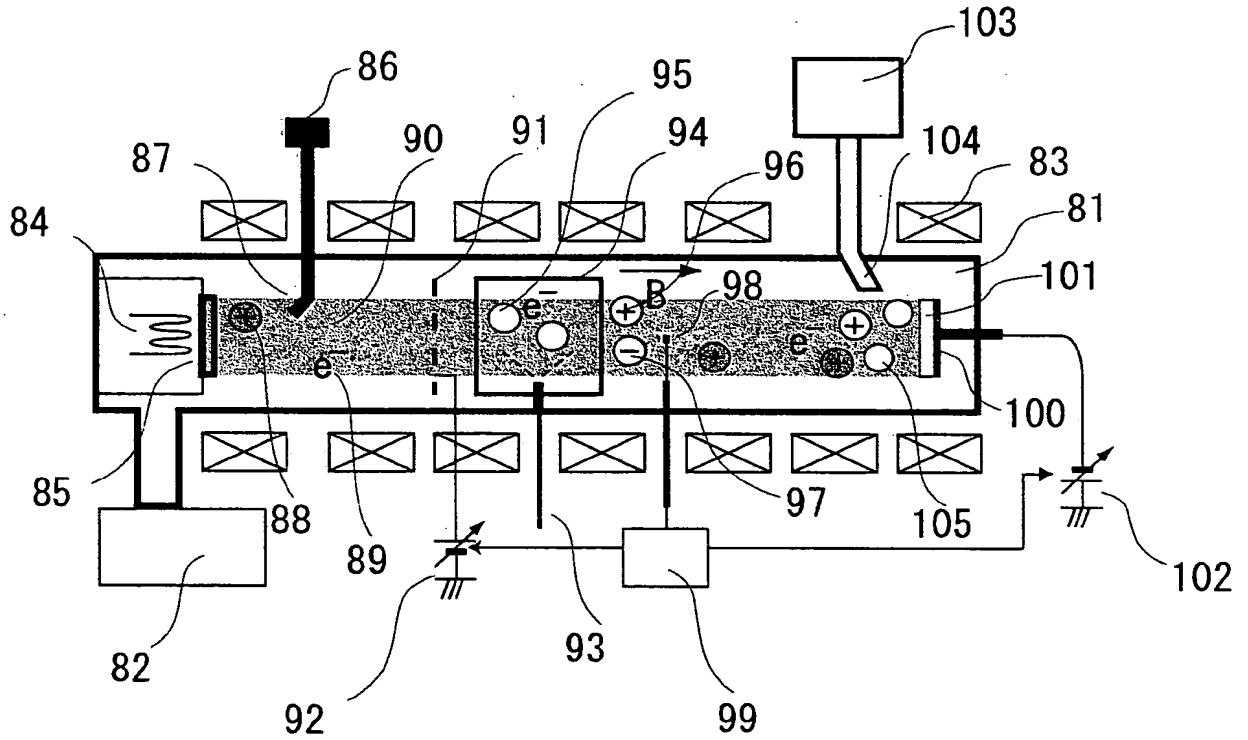


FIG.4

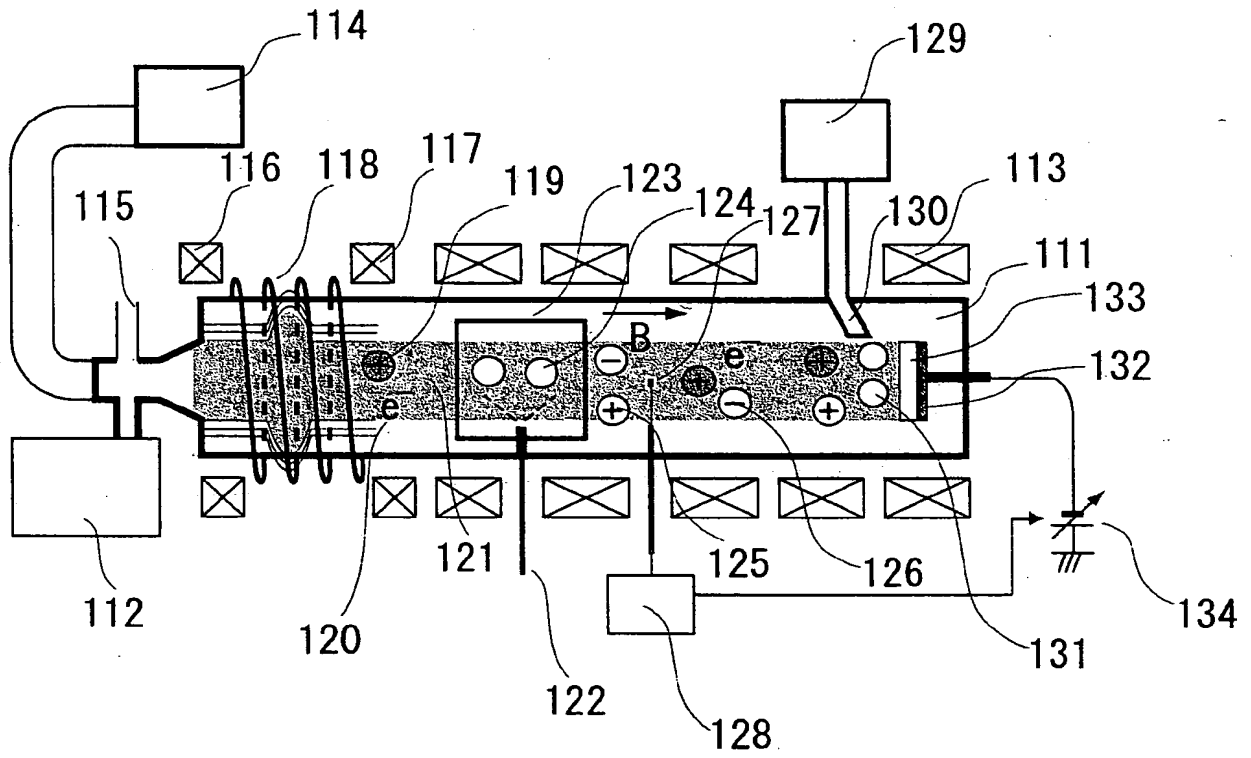


FIG.5

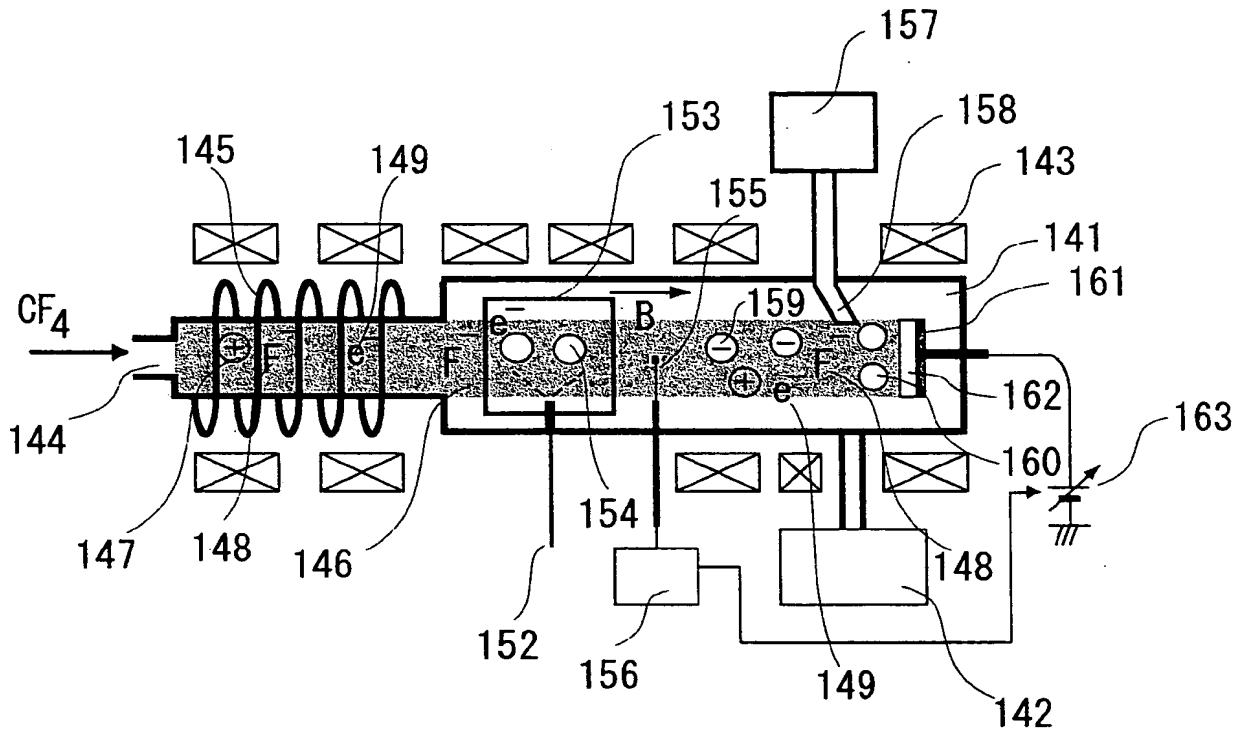


FIG.6

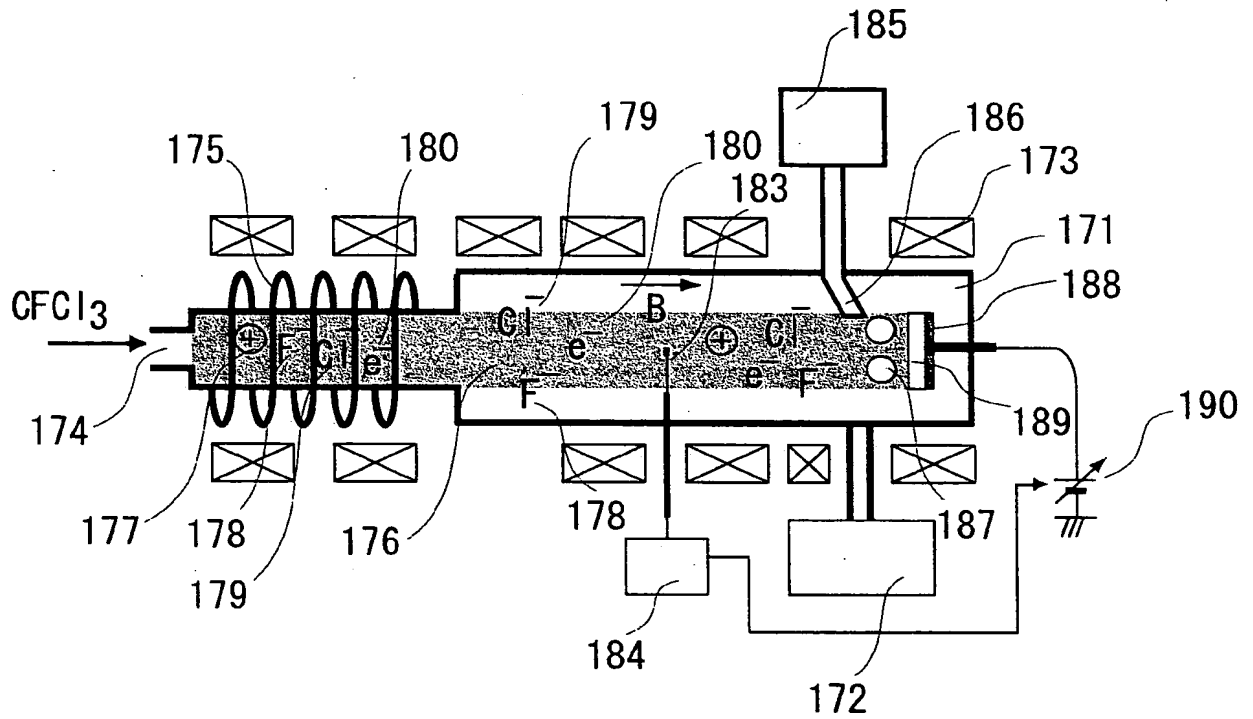


FIG.7

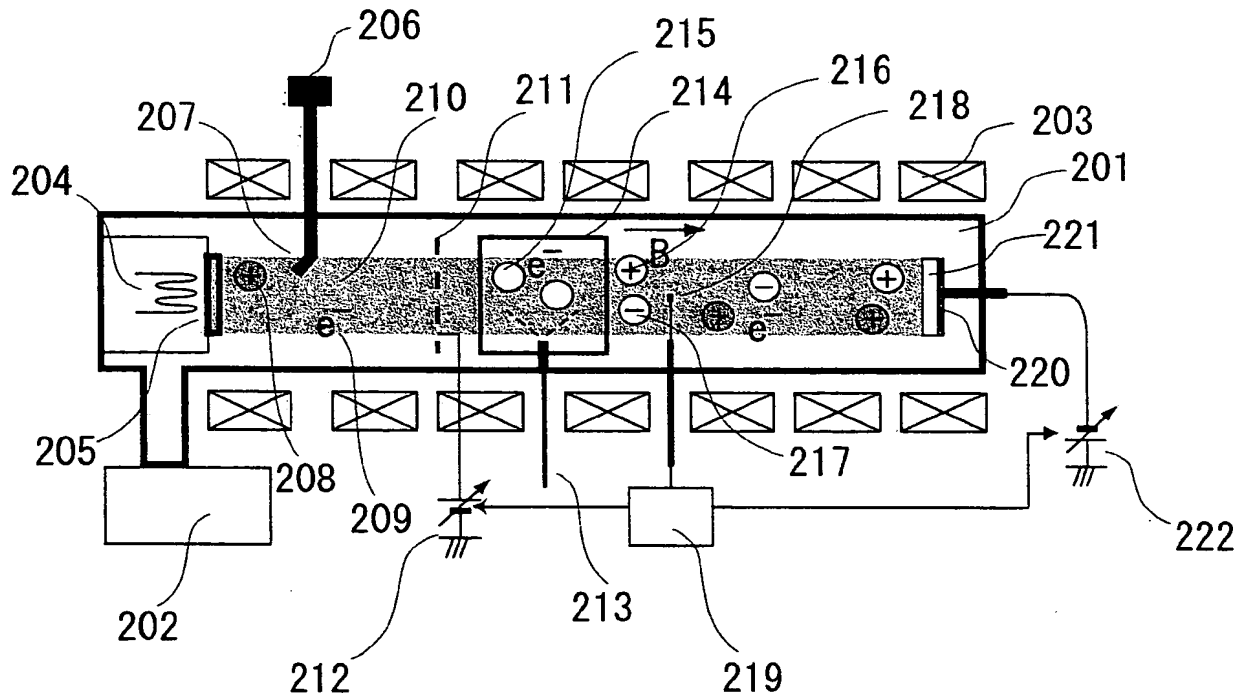


FIG.8

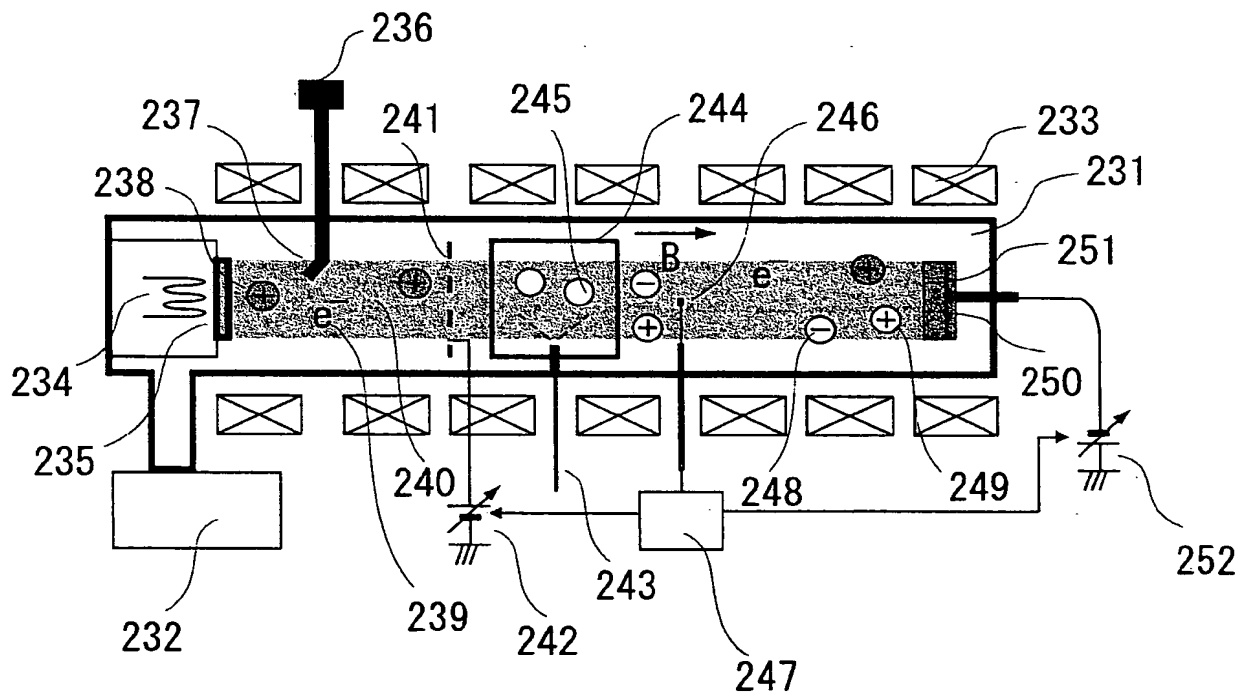


FIG.9

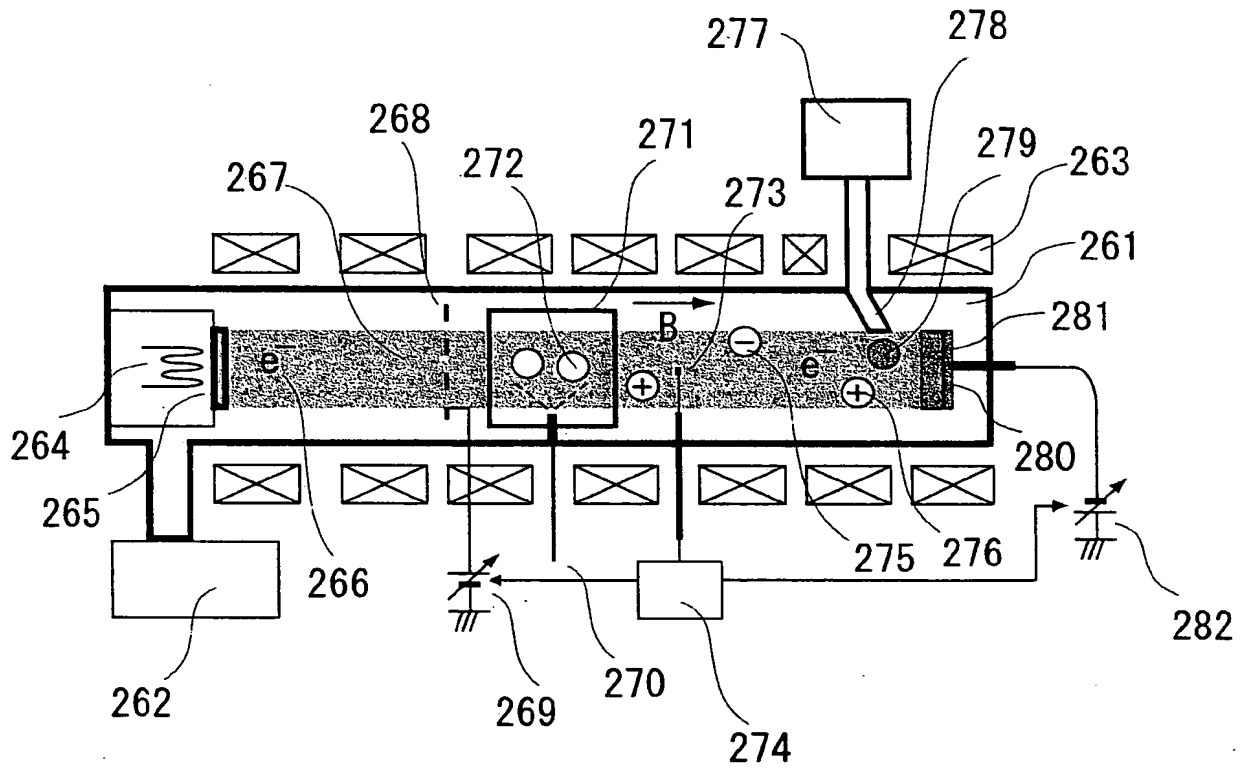
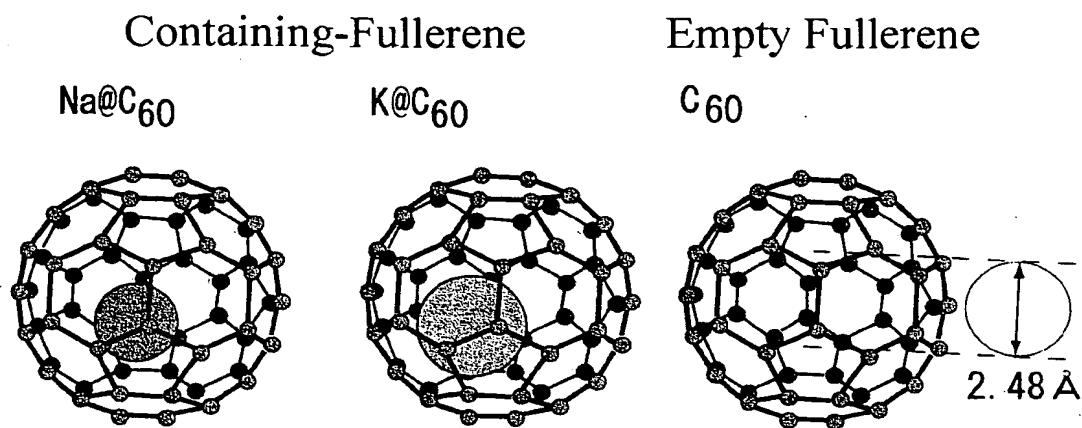


FIG.10



Ion Diameter


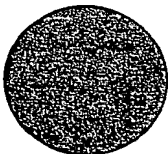

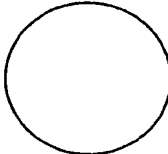

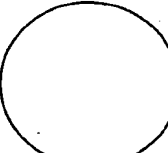


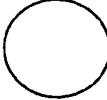
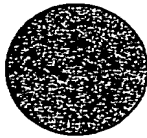
| Ion | Diameter | | Ion | Diameter | |
|---------------|----------|---|---------------|----------|---|
| Li^+ | 1.18 Å |  | Fr^+ | 3.60 Å |  |
| Na^+ | 2.04 Å |  | Cl^- | 3.62 Å |  |
| K^+ | 2.76 Å |  | Br^- | 3.92 Å |  |
| N^+ | 2.92 Å |  | I^- | 4.40 Å |  |
| F^- | 2.66 Å |  | | | |
| Cs^+ | 3.40 Å |  | | | |

FIG.11

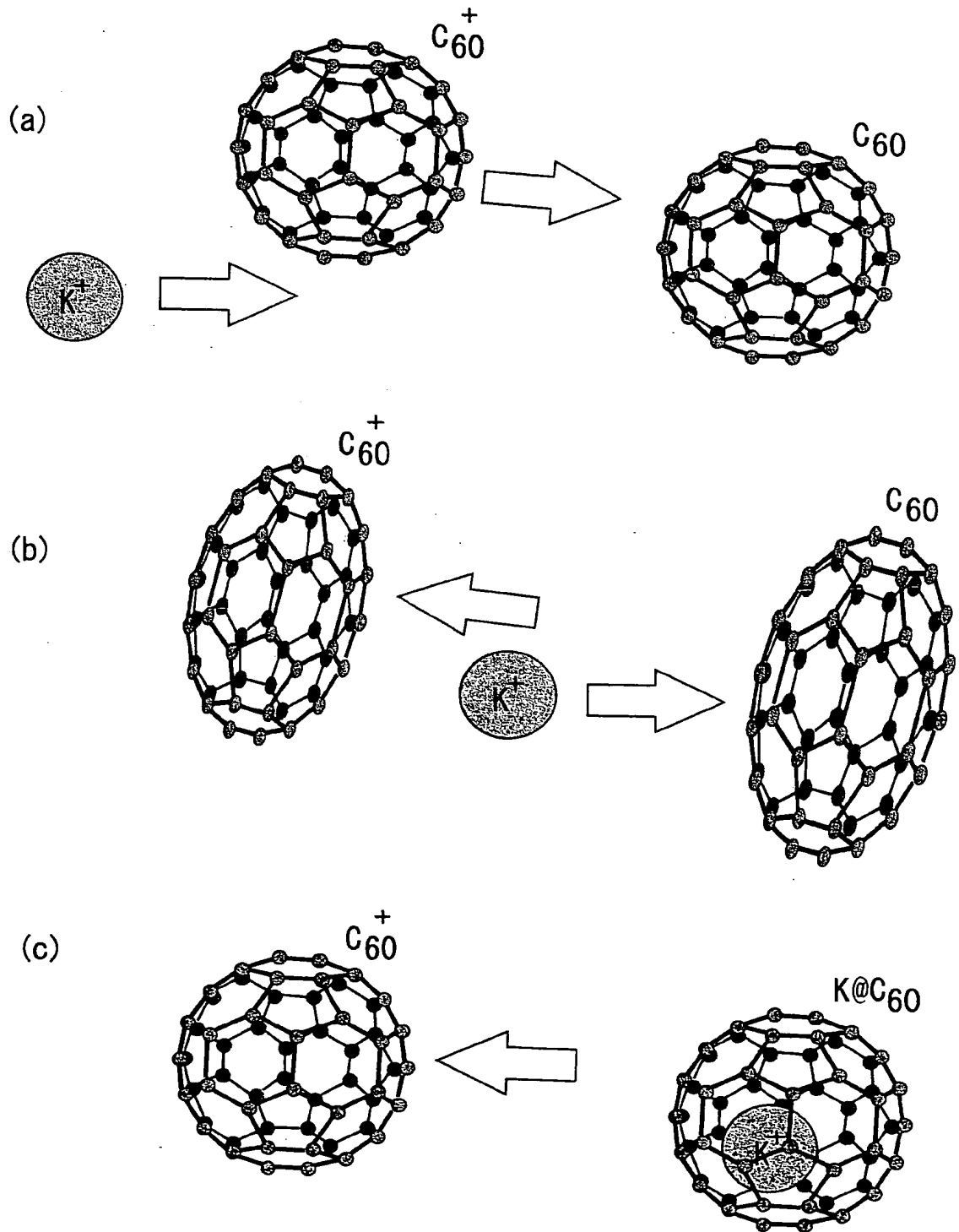


FIG.12

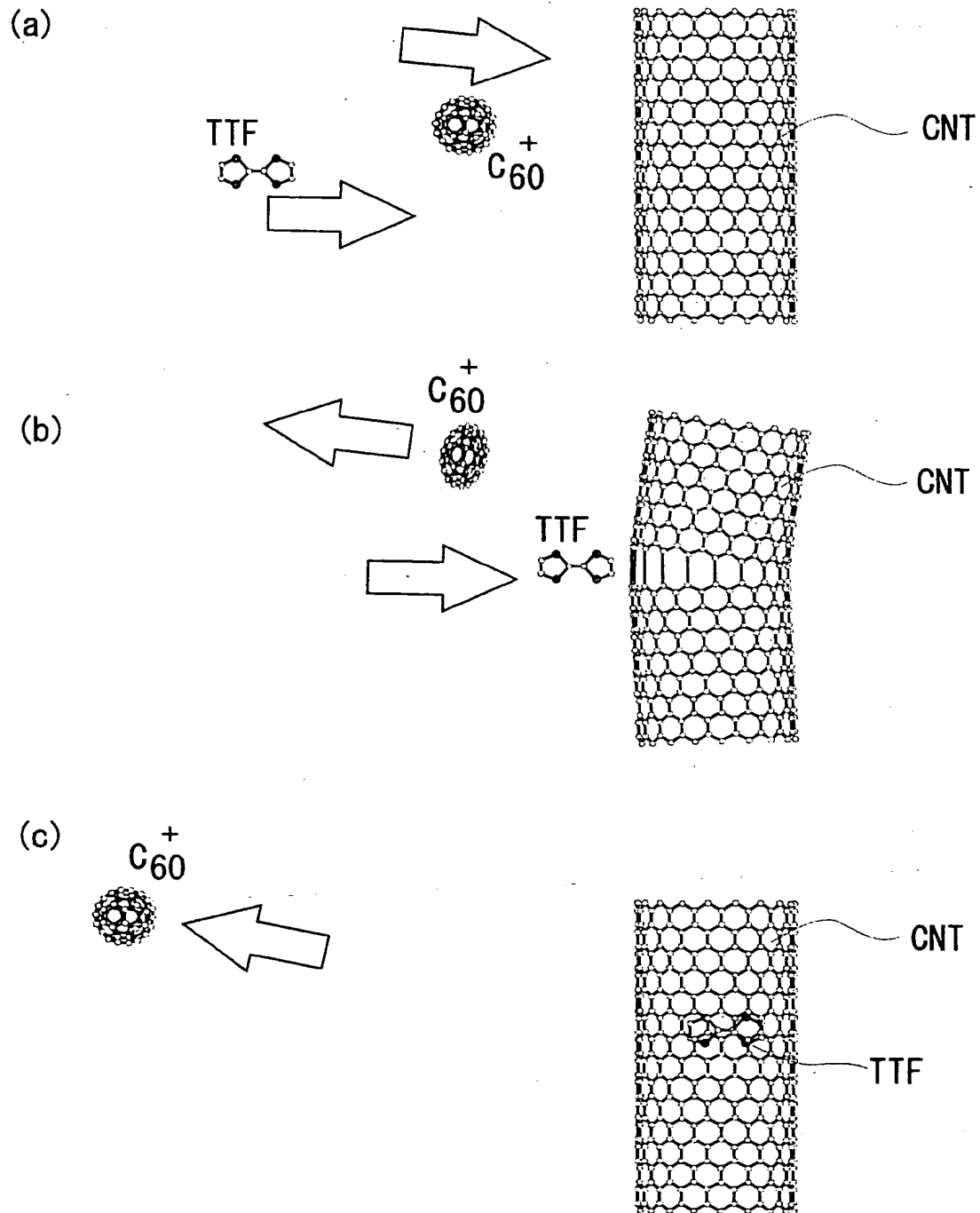


FIG.13

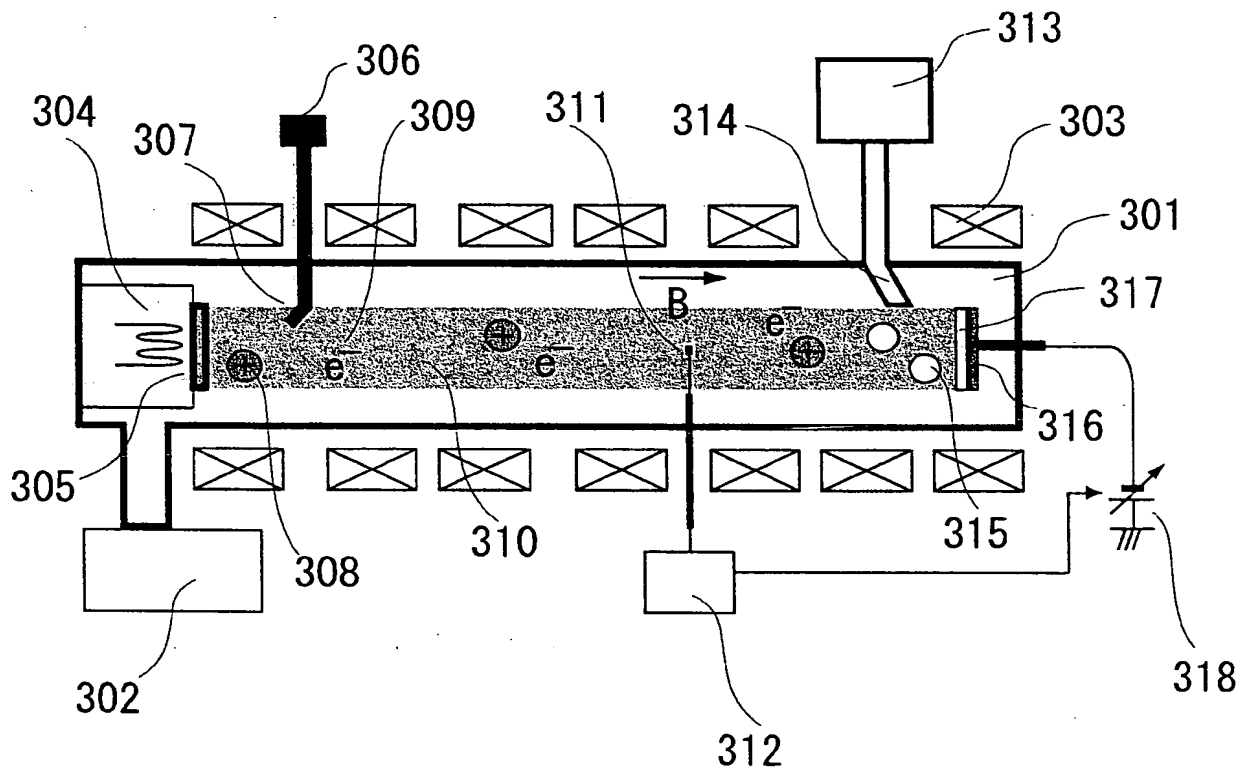
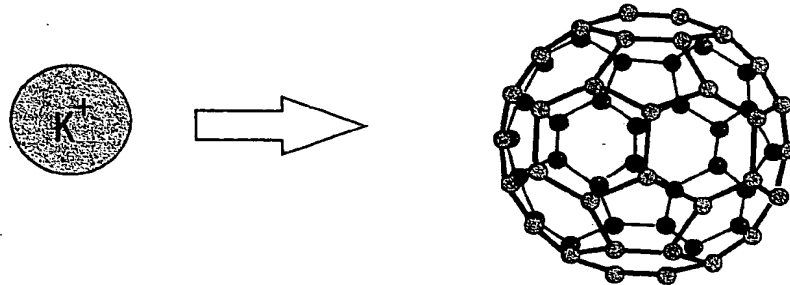


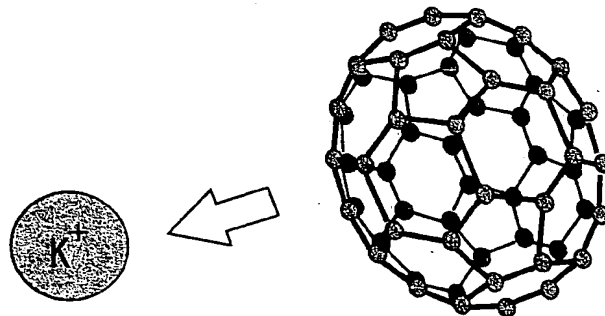
FIG.14



(a)



(b)



(c)

